

Converting Colors

Hex(999BD0)

Have a look what the booklet for
Hex(999BD0) contains.

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Color

Hex(999BD0)

Conversions

Conversions Part 1

Format	Color
Hex	999BD0
RGB	153, 155, 208
RGB Percent	60%, 61%, 82%
CMY	0.4000, 0.3922, 0.1843
CMYK	0.26, 0.25, 0.00, 0.18
HSL	238°, 37%, 71%
HSV	238°, 26%, 82%
XYZ	36.2434, 34.7691, 64.4754
YIQ	160.4440, -18.2050, 16.0590

Conversions

Conversions Part 2

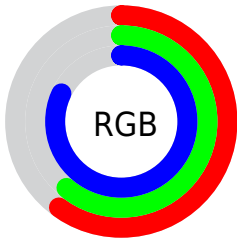
Format	Color
RYB	153, 155, 208
Decimal	10066896
CIELab	65.57, 10.99, -27.31
CIELCh	66, 29.440, 291.916
Yxy	34.7691, 0.2675, 0.2566
Android (android.graphics.Color)	4288256976 (0xFF999BD0)
YUV	160.4440, 23.4451, -6.5284
Hunter-Lab	58.9653, 6.5269, -23.5547

Details

The Hex color **999BD0** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D0CE99**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **D0D1FF**, and **656899** is the 20% darker color. If you saturate the color by 10%, you get **8487D0**, and if you desaturate by 10%, it is **AEAFD0**.

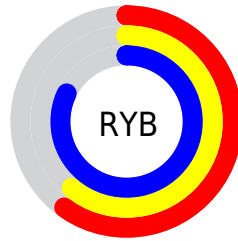
Distribution



Red (60%)

Green (61%)

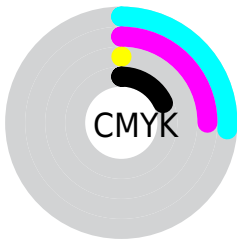
Blue (82%)



Red (60%)

Yellow (61%)

Blue (82%)

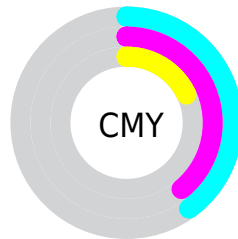


Cyan (26%)

Magenta (25%)

Yellow (0%)

Black (18%)



Cyan (40%)

Magenta (39%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 999BD0 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 999BD0 by changing the saturation by 10% instead.

■ 999BD0

■ 999BD0

FFFFFF

■ 7E81B4

■ D0D1FF

■ 656899

■ EDEEFF

■ 4B507F

■ 333966

■ 1A244E

■ 000F37

■ 000221

■ 000006

■ 000000

■ 999BD0

■ 999BD0

■ 8487D0

■ AEAFD0

■ 6F73D0

■ C3C3D0

■ 5B5FD0

■ D7D7D0

■ 464BD0

■ ECEBD0

■ 3137D0

■ FFFFD0

■ 1C23D0

■ 070FD0

■ 0008D0

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72A4D3



999BD0



BA92C0

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



999BD0



CC9277



61AD97

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



999BD0



D0CE99

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



7FAA7E



999BD0



B89B6B

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



999BD0



D48C8D



9EA46E



4AAEB2

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



999BD0



C98DB0



9EA46E



6BAD8E

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



999BD0



EBEBFF



99D0CD



737380



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



999BD0



ADB0FF



B299D0



5E5E69



0006A8



000129

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



D0999B



FFADB0



B7D099



695E5E



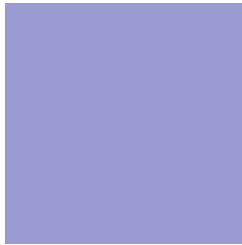
A80006



290001

Previews

White Background



This preview shows how the Hex color 999BD0 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

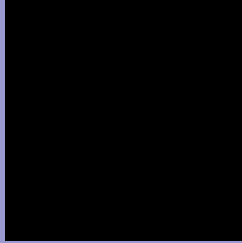
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 999BD0 Background



This preview shows how black text looks on a background with the Hex color 999BD0.



This preview shows how white text looks on a background with the Hex color 999BD0.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
999BD0

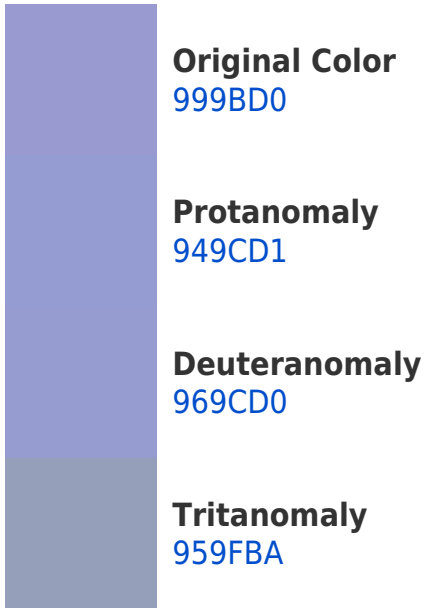
Protanopia
919DD2

Deuteranopia
949CD0

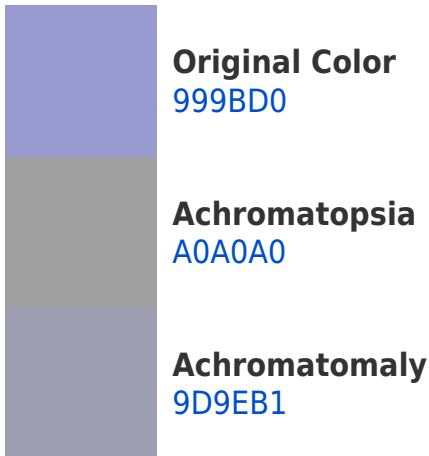


Tritanopia
92A1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 999BD0 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #999BD0 looks like.

```
.text, #text, p{  
    color:#999BD0  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #999BD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #999BD0
}
```

Border

The CSS property to change the border of an element to Hex 999BD0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#999BD0 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#999BD0 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #999BD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #999BD0; -webkit-box-shadow:4px 4px  
4px 4px #999BD0; box-shadow:4px 4px 4px  
4px #999BD0 }
```

Background

The CSS property to change the background color of an element to Hex 999BD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#999BD0 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#999BD0 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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